

Rowley Regis
Urban District Council.

STAFFORDSHIRE.

ANNUAL REPORT

For Year 1908,

OF THE

Medical Officer of Health,

**Including a Report of the Administration of the
Factory and Workshop Act, (1901) in
this district.**

**A Report on the Administration of the Vaccination
Act in this district.**

Schedules of Work done in the Departments

OF THE

SURVEYOR

AND

SANITARY INSPECTOR.

CRADLEY HEATH:

THE CRADLEY PRINTING COMPANY, PRINTERS, CRADLEY ROAD.

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ROWLEY REGIS URBAN DISTRICT COUNCIL,
STAFFORDSHIRE.

Annual Report of the Medical Officer of Health,

For the Year ending December 31st, 1908.

MR CHAIRMAN AND GENTLEMEN,

As this Report has to be presented to several Authorities who are unfamiliar with the Sanitary history of this district, a certain amount of repetition will be necessary. It will contain the usual statistics of Births, Deaths, Birth-rates, Rates of Mortality and Infantile Mortality from general and special causes; cases of Infectious Diseases notified, and an epitome of Sanitary work for the last year.

It will also contain a Report of the Statistics of the Population estimated to the middle of each year, Births registered, Deaths at all ages and deaths under one year for the whole of the district and for each Ward separately for the ten years ending December 31st, 1908; also an estimated population to the middle of 1908.

The estimated population is obtained in the following manner:—By deducting the deaths which occurred between July 1st, 1907, and June 30th, 1908 (522), from the Births for the same period (1204) and again deducting 282 as wastage from migration and other uncertified causes. As mentioned in my previous reports, the discrepancy on the estimated population obtained solely on the difference between the Births and Deaths registered each year for the ten years ending December 31st, 1900, was found by comparison with the census of 1901 to be about two hundred per annum in excess of the actual population.

There will be a Report on the Administration of the Factory and Workshops Act (1901), on the working of the Vaccination Act, also a Report on the Medical Inspection of School Children in this District.

The Tables will be the same as last year, viz.:—Three sets. The first series I—V are condensed statements of my own arranging, and deals with deaths within and (when known) of deaths of residents outside the district. No. II in addition to the deaths, shows the number of births registered, whilst Nos. IV. and V. deal exclusively with deaths from Zymotic Causes.

The second series I.—V. are those demanded by the Local Government Board. The third series are those demanded by the Staffordshire County Council; the first five of these correspond exactly with those issued by the Local Government Board, and consequently are not reproduced. The sixth of these series refers to work done in the Sanitary Inspector's Department, and will be found annexed to this report.



TABLE I.

Shewing the BIRTHS, DEATHS, and Rate of Mortality, in the Year 1908.

Births.	Deaths.	Birth-rate.	Annual Death Rate per 1,000 from					Per-centage of Deaths under One Year to Births to Regist'd	Percentage of Total Deaths to Deaths.					
			All Causes	Principal Zymotic Diseases.	Phthisis.	Lungs.	Heart.		Of Infants under One Year of Age.	Of Persons over 65 Years of Age.	From the Notified Principal Zymotic Diseases.	From Phthisis	From Lungs.	From Heart.
1236	520	32.52	13.68	.55	.66	2.42	.45	11.16	26.54	26.54	4.04	4.81	17.69	5.19

Deaths in district
Deaths of Residents outside district 45 } 520

TABLE II.

Shewing the BIRTHS and DEATHS from all causes and from certain special causes in each Quarter of 1908.

Quarters ending	Births.	Deaths from all causes.	DEATHS FROM			
			The Notified Zymotic Diseases.	Phthisis.	Disease of Lungs.	Heart Disease.
March 31st	306	138 plus 12	5	8 plus 0	38 plus 2	7 plus 1
June 30th	314	127 plus 18	3	6 plus 2	22 plus 3	9 plus 1
September 30th	289	93 plus 1	7	7 plus 0	8 plus 0	1 plus 0
December 31st	327	117 plus 14	6	2 plus 0	19 plus 0	7 plus 1
Total	1236	475 plus 45	21	23 plus 2	87 plus 5	24 plus 3

TABLE III.

Shewing the Rate of Mortality in the district in each Quarter of 1908.

Quarters ending.	Percentage per Annum of total Deaths to Deaths.		
	Death Rate per 1,000 per annum from all causes.	Of Infants under One Year of Age	Of Persons over 65 Years of age. Of the Notified Zymotic Diseases
March 31st ...	3.95	5	8.65
June 30th ...	3.81	6.73	8.65
September 30th ...	2.47	7.11	3.08
December 31st ..	3.45	7.7	6.16
Total ..	13.68	26.54	26.54
			4.04

TABLE IV.

Showing the number of DEATHS at two Groups of Ages from the Notified Zymotic Diseases in each Quarter of 1908.

Quarters ending.	Notified Principal Zymotic Diseases.		Small Pox.		Scarlet Fever		Diphtheria & Membranous Group.		Puerperal Fever.		Typhoid Fever.		Cholera.		Erysipelas.	
	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs
March 31st ..	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
June 30th ...	1	2	0	0	0	0	1	1	0	0	0	1	0	0	0	0
September 30th ...	4	3	0	0	4	2	0	0	0	0	0	1	0	0	0	0
December 31st ..	2	4	0	0	1	2	1	0	0	0	0	2	0	0	0	0
Total ...	12	9	0	0	10	4	2	1	0	0	0	4	0	0	0	0

TABLE V.

Supplementary Table showing the DEATHS at Two Groups of Ages from the Zymotic Diseases not included in Table IV.

Quarters ending.	Measles		Whooping Cough.		Diarrhoea.		Influenza.	
	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs	Under 5 y'rs	Over 5 y'rs
March 31st ...	0	0	3	0	1	0	1	5
June 30th ...	0	0	7	1	1	0	0	1
September 30th ...	0	0	2	0	4	0	0	0
December 31st ...	0	0	1	0	5	0	0	0
Total ...	0	0	13	1	11	0	1	6

TABLE I.

Vital Statistics of Whole District during 1908 and previous years.
District of Rowley Regis, (Urban).

Year.	Population estimated to Middle of each year.	Births.		Total deaths reg'd in dist't				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett deaths at all ages belonging to district.	
		Num-ber.	Rate*	Num-ber	Rate per 1000 Births registered	Num-ber.	Rate*				Num-ber.	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1898	35200	1336	37.9	227	169.9	650	18.46	18	0	18	668	18.9
1899	36000	1374	38.17	243	176.8	596	16.55	27	0	22	618	17.1
1900	36760	1402	38.1	252	179.7	653	17.76	19	0	15	668	18.17
1901	34835	1313	37.69	233	175.1	602	17.28	0	0	16	618	17.7
1902	35400	1307	36.92	168	128.54	493	13.9	0	0	23	516	14.5
1903	36000	1323	36.75	194	146.64	547	15.19	0	0	15	562	15.6
1904	36400	1317	35.9	215	163.2	598	16.43	0	0	33	631	17.33
1905	36900	1227	33.25	178	147.5	510	13.8	0	0	30	540	14.63
1906	37200	1202	32.31	171	142.26	541	14.54	0	0	45	586	15.75
1907	37600	1228	32.66	153	124.59	581	12.79	0	0	49	530	14.1
Aver-ages for years 1898-1907.	36229.5	1302.9	35.965	203.1	155.423	567.1	15.67	6.4	0	26.6	593.7	16.378
1908	38000	1236	32.52	136	110.03	475	12.5	2	0	45	520	13.68

*Rates in Columns 4, 8, & 13, calculated per 1,000 of estimated population

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water)—3670.

Total population at all ages—34670.

Number of inhabited houses—6962.

Average number of persons per house—5.

At Census of
1901.

TABLE II.

Vital Statistics of separate localities in 1908 and previous years.

URBAN DISTRICT OF ROWLEY REGIS.

Names of Localities.	TIVIDALE				ROWLEY REGIS.				BLACKHEATH.				OLD HILL.				CRADLEY HEATH.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
Year.																				
1898	2907	99	63	21	5650	186	50	34	6933	313	150	54	10505	475	209	76	9205	263	138	42
1899	2957	112	56	25	5766	162	79	27	7133	343	115	54	10755	448	205	83	9389	309	141	54
1900	3005	101	55	21	5842	176	113	45	7350	346	123	52	11013	504	233	83	9550	276	144	48
1901	2809	101	42	19	5342	216	103	37	6596	254	145	61	10851	436	201	64	9237	306	127	49
1902	2850	88	32	8	5426	182	66	17	6730	294	113	45	11063	474	173	59	9331	269	132	39
1903	2896	91	39	11	5518	212	82	29	6845	283	103	39	11247	420	196	66	9494	317	142	49
1904	2932	109	43	17	5590	175	82	20	6935	280	138	55	11359	405	195	76	9524	348	140	38
1905	2973	94	52	20	5667	182	90	29	7032	236	97	38	11512	411	156	56	9716	304	145	38
1906	2998	109	61	19	5710	177	83	25	7089	219	126	37	11612	376	188	54	9791	321	128	37
1907	3028	105	46	9	5770	182	93	31	7166	237	91	28	11738	403	157	49	9898	301	143	36
Average of years 1898 to 1907	2935	101	49	17	5628	185	88	29	6980	280	120	46	11165	435	191	66	9520	301	138	43
1908	3058	96	50	10	5835	199	76	16	7251	211	99	29	11858	391	159	37	9998	339	136	46

TABLE III.

URBAN DISTRICT OF ROWLEY REGIS.

Cases of Infectious Diseases notified during the Year 1908.

Notifiable Disease.	Cases notified in whole district.						Total cases notified in each locality.					No. of Cases removed to Hospital from each Locality,					
	At all Ages.	At Ages—Years.					Tivdale	Rowley Regis	Blackheath	Old Hill.	Cradley Heath	Tivdale	Rowley Regis	Blackheath	Old Hill	Cradley Heath	Total cases removed to Hospital.
		Under 1.	1—5.	5—15.	15—25.	25—65.												65 and upwards
Diphtheria (including Membranous Croup) ...	34	1	7	16	8	2		11	2	11	9						
Erysipelas ...	22	3	2	3	2	9	3	5	7	5	4						
Scarlet Fever ...	171	4	76	83	4	4		17	58	39	38						
Enteric Fever ...	27		1	14	7	5		14	3	2	8		9		1	7	
Totals ...	254	8	86	116	21	20	3	47	70	57	59	21	47	70	57	59	17

Isolation Hospital—Tivdale, for Enteric Fever.

Total available Beds 20.

Number of Diseases that can be concurrently treated—One.

TABLE IV.

Urban District of Rowley Regis.

Causes of, and Ages at, Death during Year 1908.

Causes of Deaths.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the District				
	All ages	Under 1 year.	1 and under 5 yrs.	5 and under 15 yrs.	15 and under 25 yrs.	25 and under 65 yrs.	65 and up-wards.	Tivdale	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.
Scarlet Fever ...	14	1	9	3		1		4	1	3	3	3
Whooping-cough ..	14	6	7	1				2		4	6	2
Diphtheria (including Membranous croup)	3	1	1	1				1	1			1
Croup ...	1		1					1				
Fever { Typhus ...												
Enteric ...	4			2		2		2	1	1		
Other continued												
Epidemic influenza ..	7		1			5	1	1	3		2	1
Diarrhoea	11	8	3					1	1	2	1	6
Enteritis	4	4								1	1	2
Phthisis (Pulmonary Tuberculosis.)	25		1	2	8	14		1	6	3	13	2
Other tuberculous diseases.	20	9	7	2	2				1	5	4	10
Cancer, malignant diseases.	27					17	10	2	5	4	6	10
Bronchitis	49	13	4	1		7	24	4	7	11	9	18
Pneumonia	40	9	16		2	9	4	2	11	7	11	9
Pleurisy	2					2					1	1
Other diseases of Respiratory organs.	1						1		1			
Alcoholism }												
Cirrhosis of liver }	5					3	2	1	1	2	1	
Premature birth ...	24	24						1	5	3	3	12
Heart diseases ...	27		1		2	14	10	3	4	11	4	5
Accidents	18	4	3	3	3	2	3	3	3	2	7	3
Suicides	4				2	1	1	1		1	2	
All other causes ..	220	59	15	11	1	52	82	20	25	39	85	51
All causes ...	520	138	69	26	20	129	138	50	76	99	159	136

TABLE V.

Urban District of Rowley Regis.
Infantile Mortality during the Year 1908.

Deaths from stated Causes in Weeks and Months under One
Year of Age

Cause of Death.	Under 1 Week	1—2 Weeks.	2—3 Weeks	3—4 Weeks.	Total under 1 Month	1—2 Month.	2—3 Months	3—4 Months	4—5 Months.	5—6 Months.	6—7 Months.	7—8 Months.	8—9 Months.	9—10 Months.	10—11 Months.	11—12 Months.	Total Deaths under One Year.
All Causes { Certified	37	7	5	2	51	12	9	6	8	7	3	8	7	10	6	4	131
Uncertified	2				2	1				1		1					5
Scarlet Fever ...														1			1
Diphtheria (including Membranous Croup ...													1				1
Whooping Cough ...						1			1			2		1		1	6
Diarrhœa, all forms ...						1	1					1	3	2			8
Enteritis, Muco-enteritis Gastro-enteritis							2				1		1				4
Premature Birth ...	21	2			23	1											24
Congenital Defects ..				1	1												1
Atrophy, Debility																	
Marasmus ...	12	1	4	1	18	6	4	4	4	2		1		1		1	41
Tuberculous Peritonitis :																	
Tabes Mesenterica ...									1	1			1	3	1		7
Other Tuberculous Diseases ...								1				1					2
Meningitis (not T'culous)										1	1	2					4
Convulsions ...	2				2					1		1					4
Bronchitis ...		1	1		2	1	1	1	1	1	1	1		1	2	1	13
Pneumonia ...		1			1	2			1	1				1	2	1	9
Suffocation, overlaying ...	1				1	1				1		1					4
Other Causes ...	3	2			5		1						2		1		9
	39	7	5	2	53	13	9	6	8	8	3	10	8	10	6	4	138

District of Rowley Regis.

Population estimated to middle of 1908—38,000.

Births in the year—legitimate, 1208 ; illegitimate, 28.

Deaths in the year of legitimate infants, 128 ; illegitimate infants, 10.

Deaths from all Causes at all Ages, 520.

NOTE.

Staffordshire County Council.

FORMS I—V.

CORRESPOND to TABLES I—V.

Of the LOCAL GOVERNMENT BOARD,

and consequently are not reproduced.

SANITARY URBAN DISTRICT OF ROWLEY REGIS.

Name of Wards.	Area in Acres.	Inhab'd Houses in each Ward.	Void Houses in each Ward.	No. of New Houses built during 1908.	T'l No of Houses in each Ward.	Population.	
						Census 1901.	Est'med to middle of 1908
Tividale ..	984	632	36	5	668	2796	3058
Rowley Regis ...	1347	1108	55	6	1163	5317	5835
Black Heath ...	188	1386	38	9	1424	6565	7251
Old Hill ...	599	2407	24	42	2431	10799	11858
Cradley Heath ...	552	2034	37	21	2071	9193	9998
Total ...	3670	7567	190	84	7757	34670	38000

Average number of persons per house—

Tividale Ward	5
Rowley Regis Ward	5.2
Black Heath „	5.2
Old Hill „	4.9
Cradley Heath „	4.9

Average for whole district 5

Physical features and general character of the district—

District very undulating.

Altitudes in the Parish—

Tividale	498	feet above sea level at Liverpool as per Ordinance Survey 1881.
Cox's Rough	866	„ „ „ „
Oakham	769	„ „ „ „
Darby's Hill	880	„ „ „ „
Turner's Hill	893	„ „ „ „
Rowley	722	„ „ „ „
Black Heath	607	„ „ „ „
Old Hill	387	„ „ „ „
Cradley Heath	346	„ „ „ „

Altitudes near Dudley outside this Parish—

Dudley Castle 763 feet above sea level at Liverpool.

Sedgeley 780 „ „ „

Wren's Nest 794 „ „ „

Tividale. Loose loam. Sub-soil. Clay and Roche

City. Waterlogged.

Rowley Regis. Practically dry to within a depth of eight to ten feet.

{ Black Heath. „ „ „ „ „
 { Beeches Road. Roche.
 { High Street, Sand,

{ Old Hill. Clay and Blue Roche.
 { Windmill End and Church Street. Waterlogged.

{ Cradley Heath. Clay and Blue Roche,
 { Grainger's Lane, Foxoak Street and Cokeland Place.
 Waterlogged in places.

PROXIMITY TO WATER.

Tividale. The Birmingham Canal runs parallel with Tividale, and is within a varying distance of 100 to 200 yards

Rowley Regis. The Birmingham Canal at Windmill End to Powke Lane

Black Heath. Canal Basin and Reservoir at Whiteheath within 300 yards. Birmingham Canal on lower side dividing it from Old Hill

Old Hill. Mouse Sweet Brook and Birmingham Canal.

Cradley Heath. River Stour on lower division, and Mouse Sweet Brook.

BIRTHS.

One thousand two hundred and thirty-six births have been registered during the year 1908 viz. :—Six hundred and sixteen males, and six hundred and twenty females.

They were located as follows :—

Tividale	44 males.	52 females.
Rowley Regis	101 „	98 „
Black Heath	105 „	106 „
Old Hill	186 „	205 „
Cradley Heath	180 „	159 „
	<hr/> 616	<hr/> 620
	plus	-1236

Total for whole district 1236. Annual Birth-rate 32.52.

MORTALITY RETURNS.

Five hundred and twenty deaths have been recorded viz :—
Four hundred and seventy-five in the district, and forty-five of residents who have died outside the district. These outside deaths occurred as follows :—Twelve at the Birmingham Hospitals, sixteen at the Dudley Workhouse, twelve at the Guest Hospital, Dudley, and five at the County Asylum, Stafford.

In the first quarter, one hundred and fifty deaths were registered, viz :—

Under one year of age	26
All other ages	124

In the second quarter one hundred and forty-five deaths were registered, viz. :—

Under one year of age	35
All other ages	110

In the third quarter ninety-four deaths were registered viz. :—

Under one year of age	37
All other ages	57

In the fourth quarter one hundred and thirty-one deaths were registered viz :—

Under one year of age	40
All other ages	91
	<hr/>
Making a total of	520
	<hr/>

ANALYSIS OF DEATH-RATE.

Deaths registered.	Groups of ages	Annual Death-rate per 1000 of inhabitants.
138	Under one year	3.63
69	Between one and five years	1.82
26	„ five and fifteen years	.68
20	„ fifteen and twenty-five years	.52
129	„ twenty-five and sixty-five years	3.4
138	Over sixty-five years	3.63
<hr/> 520 <hr/>		<hr/> 13.68 <hr/>

Schedule of deaths under one year of age, and between one and five years, certified as due to the following causes :

Disease.	Under one year.	Between one and five years.
Scarlet Fever	1	9
Whooping Cough	6	7
Diphtheria and Membranous Croup	1	1
Croup	0	1
Epidemic Influenza	0	1
Diarrhoea	8	3
Enteritis	4	0
Phthisis	0	1
Other Tubercular Diseases	9	7
Bronchitis	13	4
Pneumonia	9	16
Premature Birth	24	0
Heart Disease	0	1
Accidents	4	3
Other causes	59	15
	<hr/>	<hr/>
Totals	138	69

Infant Mortality under one year of age shows a great improvement during the last two years. In 1907 the death rate of infants under one year of age per 1000 births registered was 124.59; that was the lowest record for the ten previous years. This year the mortality of infants under one year is 110.03 per 1000 births registered or fourteen per 1000 less than last year. This is most satisfactory.

The following Table shows the number of deaths under two groups of ages and the number of Zymotic cases notified in each quarter of 1908.

Quarters.	Deaths from Notified Causes.			Deaths from Unnotified Infectious Diseases.										Cases of Infectious Diseases Notified.		
	Total Deaths	Under 5 yrs	Over 5 yrs	Measles.	Whooping Cough.		Influenza.		Diarrhoea.							
					Total Deaths	Under 5 yrs	Over 5 yrs	Under 5 yrs	Over 5 yrs	Under 5 yrs	Over 5 yrs					
First	5	5	0	0	3	0	1	5	1	0	80	31	49			
Second	3	1	2	0	7	1	0	1	1	0	50	20	30			
Third	7	4	3	0	2	0	0	0	4	0	69	26	43			
Fourth	6	2	4	0	1	0	0	0	5	0	55	17	38			
Total	21	12	9	0	13	1	1	6	11	0	254	94	160			

This Table shows an annual death rate of '55 per 1000 of inhabitants from Notified Infectious Disease. It also shows an annual death-rate of '84 per 1000 of inhabitants from Un-notified Infectious Diseases. Also that 6'68 per 1000 of inhabitants were notified as suffering from some form of Infectious Disease.

Comparison of Death-rate from Zymotic diseases :—

In 1903 there were 75 per 1,000 deaths from Zymotic diseases.

„ 1904	„	„	57	„	„	„	„
„ 1905	„	„	27	„	„	„	„
„ 1906	„	„	56	„	„	„	„
„ 1907	„	„	43	„	„	„	„
„ 1908	„	„	55	„	„	„	„

In 1903 there were 1·88 per 1,000 deaths from unnotified diseases.

„ 1904	„	„	2·11	„	„	„	„
„ 1905	„	„	1·65	„	„	„	„
„ 1906	„	„	1·93	„	„	„	„
„ 1907	„	„	1·01	„	„	„	„
„ 1908	„	„	·84	„	„	„	„

*Rate per 1,000 of inhabitants notified as suffering from
Infectious Diseases :—*

In 1903 there were 9·36 per 1,000.

„ 1904	„	„	8·1	„
„ 1905	„	„	4·98	„
„ 1906	„	„	7·31	„
„ 1907	„	„	5·37	„
„ 1908	„	„	6·68	„

Tables of Deaths from Zymotic Causes from years 1898 to 1908.

Causes of Death.	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
Small Pox	0	0	0	0	0	0	0	0	0	0
Scarlet Fever	8	2	12	7	13	12	5	6	1	14
Measles	3	47	4	21	43	27	17	16	14	0
Diphtheria & Membranous Croup	3	6	3	6	5	3	2	6	6	3
Whooping Cough ..	4	4	55	2	9	26	14	24	8	14
Continued Fever	0	0	0	0	0	0	0	0	0	0
Enteric Fever	9	6	2	4	3	2	3	5	4	4
Diarrhoea	22	15	25	6	15	25	27	28	13	11
Erysipelas	2	5	1	3	3	1	0	2	3	0
Influenza	5	7	1	2	1	1	3	4	3	7
Cholera	0	0	0	0	0	0	0	0	0	0
Puerperal Fever	5	4	3	3	3	3	0	2	2	0
Totals	61	96	106	54	95	100	71	93	54	53

For a tabulated statement of deaths from Infectious diseases see Tables IV. and V. (first series).

For a quarterly death-rate per 1,000 of inhabitants, see Tables III. (first series).

The following Tables show the distribution of Sickness and Deaths throughout the district from Zymotic diseases in two groups of ages in specified areas, taking each Ward as an area, and giving the population of each Ward according to the approximate estimated population to the middle of 1908.

TIVIDALE WARD. Estimated Population to middle of 1908. 3058			Small Pox	Scarlet Fever	Diphtheria and Membrous Group	Erysipelas	Enteric Fever	Puerperal Fever		
STREET LIST. Brades Road Dingle Street Brades Row Brades Village Salop Street Albion Street Roway Lane Dudley Road Upper Chapel Street Britannia Street Lower Chapel Street Tipton Road Groveland Road Groveland Crown Bob Colliery Hange Colliery Parker's Lane California (back of Oak- ham Colliery) City Lye Cross Darby's Hill Oakham (part of)		First Quarter.								
		Sickness	Under 5 yrs.	—	8	—	—	—	—	—
			Over 5 yrs.	—	1	—	—	—	—	—
		Deaths	Under 5 yrs.	—	3	—	—	—	—	—
			Over 5 yrs.	—	—	—	—	—	—	—
		Second Quarter.								
		Sickness	Under 5 yrs.	—	3	—	—	—	—	—
			Over 5 yrs.	—	4	1	—	—	—	—
		Deaths	Under 5 yrs.	—	—	—	—	—	—	—
			Over 5 yrs.	—	—	1	—	—	—	—
		Third Quarter.								
		Sickness	Under 5 yrs.	—	1	—	—	—	—	—
			Over 5 yrs.	—	1	—	—	—	—	—
		Deaths	Under 5 yrs.	—	—	—	—	—	—	—
			Over 5 yrs.	—	—	—	1	—	—	—
		Fourth Quarter.								
		Sickness	Under 5 yrs.	—	—	—	1	—	—	—
			Over 5 yrs.	—	1	—	—	—	—	—
		Deaths	Under 5 yrs.	—	—	—	—	—	—	—
			Over 5 yrs.	—	1	—	—	1	—	—

ROWLEY REGIS WARD.

Estimated Population to
middle of 1908.

5835

STREET LIST.

Oakham (from "Hollies"
to Wheatsheat, South
side)

Turner's Hill

Birmingham Road (from
Endowed School to
Mr. Harper's)

Rowley Village

Siviter's Lane

Ross

Shepherd's Fold

Yew Tree Lane

Powke Lane (from
Sonthall's to Canal)

Moore Lane

Bell End

Church Road

Hawes Lane

Dudley Road

Springfield Lane

Doulton Road (above
Canal)

Bullfield

Tippetty Green

Perry's Lake

Gadd's Green

Hailstone Hill

Portway Road

Throne

Whiteheath Gate (Chapel
side)

Mincing Lane

Duke Street

Curall Road

Small Pox

Scarlet Fever

Diphtheria and
Membranous Croup

Erysipelas

Enteric Fever

Puerperal Fever

First Quarter.

Sickness	Under 5 yrs.								
	Over 5 yrs.		1		1	1			
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Second Quarter.

Sickness	Under 5 yrs.		2	1	2				
	Over 5 yrs.		2	4	1	1			
Deaths	Under 5 yrs.			1					
	Over 5 yrs.								

Third Quarter.

Sickness	Under 5 yrs.		5						
	Over 5 yrs.		6	2	1				
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Fourth Quarter.

Sickness	Under 5 yrs.					1			
	Over 5 yrs.		1	4		11			
Deaths	Under 5 yrs.		1						
	Over 5 yrs.					1			

**BLACK HEATH
WARD.**

Estimated Population to
middle of 1908.

7251

STREET LIST.

Oldbury Road
Mott Street
Birmingham Road,
No. 14—68.
High Street
Short Street
Causeway
Halesowen Street
Hackett Street
John Street
Cross Street
Union Street
Darby Street
Powke Lane No. 1—17
Terrace Street
Beeches Road
Holly Road
Whiteheath Gate
(Robinson's side)
Mincing Lane (4 doors
below Oldbury Road)
Waterfall Lane (above
Canal)
Tory Street
Granville Road (3 houses
above Canal)
West Street
Marlow Street
Highfield Road
Duke Street
Payne Street
Perry Park Road
Best Street

First Quarter.

Sickness	Under 5 yrs.		13		1				
	Over 5 yrs.		24		3	3			
Deaths	Under 5 yrs.		2						
	Over 5 yrs.								

Second Quarter.

Sickness	Under 5 yrs.		4						
	Over 5 yrs.		4		3				
Deaths	Under 5 yrs.								
	Over 5 yrs.					1			

Third Quarter.

Sickness	Under 5 yrs.		2	1					
	Over 5 yrs.		5						
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Fourth Quarter.

Sickness	Under 5 yrs.		3	1					
	Over 5 yrs.		3						
Deaths	Under 5 yrs.								
	Over 5 yrs.		1						

OLD HILL
WARD.

Estimated Population to
middle of 1908.
11858

STREET LIST.

Powke Lane (part below
Canal)
Windmill End
Doulton Road (part below
Canal)
Halesowen Road
Haden Hill
Haysech
Bari's Road
Waterfall Lane (below
Canal). Granville Road
Beauty Bank
Cherry Orchard
Wright's Lane
Lion Road. Wagon St.
King Street. Elbow St.
Garratt's Lane
Best St. Cross St.
Queen St. Bank St.
Wellington Street
Dudley Street
Spring Meadow
Trinity St. Mace St.
Siddaway St. Church St.
Court St. New St.
Riddins Street
Holloway St. (last part of
Riddins Street)
Pear Tree St.
Pear Tree Lane (Pack
Horse side)
Lawrence Lane (except
part in Cradley Heath.)
Claremont Street
Reddall Hill Road (from
No. 1 to Lawrence Lane
on one side, and from
Reddall Hill Schools
back to Cross)
Haden Road Clyde St.
Penn St. Clifton St.
Jackson Street
Dalloway Street
Priest Street
Hill Passage
Brook Street

Small Pox
Scarlet Fever
Diphtheria and
Membrous Croup
Erysipelas
Enteric Fever
Puerperal Fever

First Quarter.

Sickness	Under 5 yrs.	—	5	—	—	—	—	—	—
	Over 5 yrs.	—	1	3	—	—	—	—	—
Deaths	Under 5 yrs.	—	—	—	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—	—

Second Quarter.

Sickness	Under 5 yrs.	—	3	1	—	—	—	—	—
	Over 5 yrs.	—	3	1	4	2	—	—	—
Deaths	Under 5 yrs.	—	—	—	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—	—

Third Quarter.

Sickness	Under 5 yrs.	—	8	4	—	—	—	—	—
	Over 5 yrs.	—	10	2	—	—	—	—	—
Deaths	Under 5 yrs.	—	3	—	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—	—

Fourth Quarter.

Sickness	Under 5 yrs.	—	5	—	—	—	—	—	—
	Over 5 yrs.	—	4	—	1	—	—	—	—
Deaths	Under 5 yrs.	—	—	—	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—	—

CRADLEY HEATH WARD.

Estimated Population to
middle of 1908.
9998

STREET LIST.

Peartree Lane (part of
Pack Horse)
Petford St., Pearson St.
Lawrence Lane (from Pear-
tree Lane to Reddall
Hill, T. Parkes & Sons'
side)
Plant Street, Park Street,
Oak Street
Reddall Hill Road (part
not included in Old Hill
Ward)
Newtown St., Hingley St.
Spinner's End
Holly Bush Street
Meredith St., Albert St.
St. Luke St., School St.
Lomey Town, Silverthorn
Lane
Forge Lane, Wood's Lane
Whitehall Lane
Compton Road
Scholding Green Road
Cradley Road
Grainger's Lane, Stour
Colliery
Beehive Street, Cokeland
Place
Station Rd., Chester Road
Corngreaves Road
Surfeit Hill, Queen Street
King St. Tibbetts Gardens
High St., Foxoak St.
Bank St., Newtown Lane
Bannister Street (top of
Newtown Lane)
Providence Street
Sidney Street

Small Pox
Scarlet Fever
Diphtheria and
Membrous Croup
Erysipelas
Enteric Fever
Puerperal Fever

First Quarter.

Sickness	Under 5 yrs.		2		1				
	Over 5 yrs.		3		2	7			
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Second Quarter.

Sickness	Under 5 yrs.		3						
	Over 5 yrs.		4	2	1				
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Third Quarter.

Sickness	Under 5 yrs.		6						
	Over 5 yrs.		7	1		1			
Deaths	Under 5 yrs.		1						
	Over 5 yrs.		2						

Fourth Quarter.

Sickness	Under 5 yrs.		3	1					
	Over 5 yrs.		10	5					
Deaths	Under 5 yrs.			1					
	Over 5 yrs.								

SMALL POX.

No cases have occurred in the district during the past year.

SCARLET FEVER.

One hundred and seventy-one cases have been notified, and fourteen deaths as against ninety-seven cases and one death for previous year. The notifications were distributed throughout the Wards in the following order :—

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	9	1	37	6	5	- 58
2nd „	7	4	8	6	7	- 32
3rd „	2	11	7	18	13	- 51
4th „	1	1	6	9	13	- 30
	—	—	—	—	—	—
Totals	19	17	58	39	38	- 171
	—	—	—	—	—	—

MORTALITY.

Three deaths occurred at Tividale and two at Blackheath in the first quarter. Three at Old Hill and three at Cradley Heath in the third quarter. One at Tividale, one at Rowley Regis and one at Black Heath in the fourth quarter.

DIPHTHERIA & MEMBRANOUS CROUP.

Thirty-four cases have been notified and three deaths as against thirty-five cases and six deaths for previous year.

NOTIFICATIONS.

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	0	0	0	3	0	- 3
2nd „	1	5	0	2	2	- 10
3rd „	0	2	1	6	1	- 10
4th „	0	4	1	0	6	- 11
	—	—	—	—	—	—
Totals	1	11	2	11	9	- 34

MORTALITY.

Two deaths occurred in the second quarter, one at Tividale, and one at Rowley Regis. and one at Cradley Heath in the fourth quarter. Twelve of these cases occurred in new buildings, where the sanitary arrangements were satisfactory. Seven were due to defective drainage. Six cases supervened on Scarlet Fever. One case was imported from a neighbouring district. In two cases dirty houses was the assigned cause. In three cases defective middens, and in three cases no apparent cause could be found. All the houses are supplied with tapwater (S.S.W.W. Co's water). Twenty-one of the houses have water closets, and the remaining thirteen have midden closets.

ERYSIPELAS.

Twenty-two cases notified as against forty cases, and three deaths for last year.

NOTIFICATIONS.

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	0	1	4	0	3	- 8
2nd „	0	3	3	0	1	- 7
3rd „	0	1	0	4	0	- 5
4th „	1	0	0	1	0	- 2
Totals	1	5	7	5	4	- 22

No deaths have registered from this disease during the past year.

PUERPERAL FEVER.

No cases have occurred in the district during the past year as against three cases and two deaths for previous year.

ENTERIC FEVER.

Twenty-seven cases have been notified and four deaths, as against twenty-seven cases and four deaths for previous year.

NOTIFICATIONS.

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	0	1	3	0	7	- 11
2nd „	0	1	0	0	0	- 1
3rd „	0	0	0	2	1	- 3
4th „	0	12	0	0	0	- 12
Totals	0	14	3	2	8	- 27

MORTALITY.

One death occurred at Blackheath in the second quarter. One at Tividale (in the Hospital) in the third quarter. One at Tividale (in the Hospital) and one at Rowley Regis in the fourth quarter.

There have been three rather serious local outbreaks, and six sporadic cases of the disease throughout the district.

The first occurred at Bannister Street, Cradley Heath, between January 6th and March 3rd. Five cases occurred at No. 51, Bannister Street, one at an unnumbered house opposite No. 51. and one at Meredith Street. These families were all connected with and visited each other. The cases were all removed to Hospital and all made good recoveries.

The houses in which these people lived, had midden closets and No. 51, Bannister Street, in addition to a damp house had an undrained stable close to the house door.

A case occurred at No. 74, Hawes Lane, Rowley Regis, on January 17th. A little lad aged nine years. The house was old and dilapidated but was supplied with a water-closet. Poverty combined with eating unwholesome food was the probable cause. The case was removed to Hospital and recovered.

On March 27th, three cases were notified from one house at Powke Lane, Blackheath. When diagnosed the patients were too ill to be removed to Hospital, and one of them died within a few days after notification. The only unsanitary condition in the premises was an offensive and leaking midden-closet.

May 12th. A case notified from No. 18 Oakham. The patient was a boy aged seven years. He was treated at home and recovered. Unsanitary conditions – Offensive midden, closet close to house, no water supply and only superficial drainage.

July 16th. A case notified from Holly Bush Street, Cradley Heath. The patient a boy aged seven years. The case was treated at home and recovered. There was a water-closet in this instance, and the only unsanitary defect was an undrained stable near the house door.

August 8th. A case was notified from No. 30, Peartree Street, Old Hill. The patient a man, aged fifty had been ill, but going about his work for about a month before his disease was diagnosed. He was then confined to his house and made a good recovery. A defective midden closet was the only apparent cause for his illness.

September 12th. A case was notified from No. 8, Station Road, Old Hill. The patient, a man aged thirty, had been suffering from Pleurisy for some five or six weeks prior to the attack of Fever, and went to work for a week, probably before he was in a fit condition to do so. He then developed Enteric Fever, was removed to the Hospital and died there. The house in which he lived was used as a fried fish shop and was dirty. There was also a very offensive midden closet.

October 13th. Two cases were notified from No. 2, (Sir Robert Peel Inn) Rowley, of two brothers aged respectively eleven and twelve years. As they were well isolated from the other part of the house, and were well looked after, they were not removed to Hospital. Both recovered. The water supply was from a well in the yard. There was also a midden-closet. Tapwater and a water-closet have since been substituted.

December 10th. A case notified from No. 83, Dudley Road, Rowley Regis.

December 17th. Three cases notified from No. 83, Dudley Road, Rowley Regis.

December 17th. One case notified from No. 82, Dudley Road, Rowley Regis.

December 17th. Three cases notified from No. 88, Dudley Road, Rowley Regis.

December 21st. One case notified from No. 83, Dudley Road Rowley Regis

December 23rd. One case notified from No. 39, Springfield Lane, Rowley Regis

The first case notified died at home, as both she and Ethel Townsend (the second case notified) were too ill to be removed. The other cases were all removed to Hospital

This outbreak has been of a most virulent type. Two of the patients have died (mother and daughter). The daughter (Sarah Jane Collier, aged 15) died at home, and the mother (Mary Ann Collier, aged 40) died at the hospital. They both lived at No. 83, Dudley Road.

The house Nos. 82 and 83 adjoin each other and have a wash house and midden closet in common. The back premises of No. 88, Dudley Road and No. 39, Springfield Lane join each other, and they each have a midden closet. The whole of the property has been very much shaken by mining operations. The houses are old and dirty, the

closets are delapidated and the drainage is defective, the ground surface at the back doors being saturated with surface water. The use of a common sink especially if defective is a very fruitful source for the spreading of infectious diseases.

With two exceptions (No 74, Hawes Lane, and Holly Bush Street, Cradley Heath) all these houses have privy middens. These at their best are an abomination, but when defective are a positive source of danger. I am glad to see that rapid progress is being made throughout the parish in substituting water-closets for them, and I hope in the near future these relics of an unsanitary age will cease to exist

There is a certain amount of satisfaction in noticing that in all these outbreaks the disease has been kept to its immediate locality and has not extended in other directions.

MEASLES.

No deaths have been registered from this disease during the past year. This disease was practically extinct (a few cases only occurring throughout the Wards) until November, when an epidemic broke out at the Knowle, Rowley Regis. On December 9th, eighty children were absent from school from this cause, which necessitated the Knowle Schools being closed for one month from December 11th, 1908

WHOOPIING COUGH.

Fourteen deaths as against eight for last year. The deaths were distributed throughout the Wards in the following order :

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	1	0	0	2	0	3
2nd „	1	0	2	3	2	8
3rd „	0	0	2	0	0	2
4th „	0	0	0	1	0	1
	—	—	—	—	—	—
Total	2	0	4	6	2	14
	—	—	—	—	—	—

This disease was rather prevalent in Tividale during the first part of the year, but subsided in March, a few cases occurred in the Cradley Heath and Blackheath Wards until August, a few cases occurred at Old Hill in March, increased in May and declined in September. A few cases occurred in the Rowley Regis Ward in the second quarter of the year.

DIARRHŒA.

Eleven deaths as against thirteen for last year. The deaths were distributed throughout the Wards in the following order :—

	Tividale.	Rowley Regis.	Blackheath.	Old Hill.	Cradley Heath.	Total.
1st quarter	0	0	0	0	1	- 1
2nd „	1	0	0	0	0	- 1
3rd „	0	0	1	1	2	- 4
4th „	0	1	1	0	3	- 5
	—	—	—	—	—	—
Totals	1	1	2	1	6	- 11
	—	—	—	—	—	—

With the exception of those for the year 1902 this is the lowest return we have had for the last eleven years. Eight deaths occurred under one year—one of them at the Dudley Workhouse. And three between one and five years. Female labour in Factories etc., must naturally militate against breast feeding, but I shall hope that in time mothers will learn that a milk diet is much more suitable and much more likely to rear healthy children on than the numerous artificial foods now on the market, or the mixed diet of and adult.

INFLUENZA.

This disease was prevalent during the first half of the year. Six deaths occurred during the first quarter, viz. :—One at Tividale. Three at Rowley, and two at Old Hill.

One death occurred in the second quarter at Cradley Heath.

Cases of sickness were rather numerous during the last month of the year, but there were no deaths recorded.

PHTHISIS.

Notification of this disease is not at present in operation. The Dudley Board of Guardians provide special accommodation for the treatment of paupers notified to them in the Dudley Union in which this district is incorporated. Twenty-three deaths have been recorded in the district, and two of inhabitants who have died outside the district. As soon as notice of a death is received, the house in which the death occurred is visited and as soon as practical is disinfected. When the friends consent, all textile articles are removed to the disinfector and disinfected. All articles hopelessly infected are destroyed at the disin-

fector. This practice when first introduced was very much resented by those concerned, but now after seeing it in operation for several years, the public are appreciating the benefit of it, and offer little or no opposition.

CANCER.

Twenty-seven deaths have been recorded, viz. :—Twenty-four in the district and three of parishioners who died outside the district.

The following Table shows the deaths from Phthisis and Cancer in each Ward for the last five years.

Name or Wards.	Deaths from Phthisis.					Deaths from Cancer.				
	1904	1905	1906	1907	1908	1904	1905	1906	1907	1908
Tividale	4	3	4	2	1	1	2	2	1	2
Rowley Regis	2	0	4	5	6	2	8	3	2	5
Blackheath	2	3	7	6	3	7	4	2	5	4
Old Hill	4	7	6	8	13	8	4	7	8	6
Cradley Heath	9	11	3	13	2	8	8	5	7	10
Total ...	21	24	24	34	25	26	26	19	23	27

Year	Ages at death from Phthisis.						Ages at death from Cancer					
	0—1 year.	1—5 yrs.	5—15 yrs	15—25 yrs.	25—65 yrs.	65 years & upwards	0—1 year.	1—5 yrs	5—15 yrs.	15—25 yrs	25—65 yrs	65 years & upwards
1904	0	1	0	3	17	0	1	0	0	1	14	10
1905	0	2	0	6	15	1	0	0	0	0	21	5
1906	2	2	2	6	11	1	0	0	0	0	14	5
1907	1	4	2	5	22	0	0	0	0	0	15	8
1908	0	1	2	8	14	0	0	0	0	0	17	10

PREVENTATIVE MEASURES ADOPTED.

All Small Pox patients will in future be isolated at the South Staffordshire Joint Small Pox Hospital at Bradley, Enteric Fever cases are treated at the Council's Isolation Hospital at Tividale. All other infectious cases are treated at their own homes. All cases are visited as early as possible after notification, and are supplied with disinfectants and a circular giving instructions how they are to be used, and warning them against exposing themselves in public until after the house and clothing have been fumigated by the Council's official.

Preventing children from an infected house attending school. Cleansing and fumigating all dirty and infected houses. Fumigating all infected houses and clothing with sulphur fumes. Cleansing drains and water courses. Converting defective midden closets into water-closets, Insisting on a pure supply of water, wherever the present supply is doubtful or insufficient. Compulsory disinfecting by the Steam Disinfectors of all clothing, bedding etc., of Small-Pox, Enteric Fever, Puerperal Fever, Phthisis, and other infectious or loathsome diseases at the discretion of the Medical Officer of Health, free of charge; also the bedding, clothing etc., of any parishioners from any cause on the payment of a fee of ten shillings.

A free supply to Medical Practitioners for their use amongst parishioners of Antistreptococcus and Antidiphtheretic Serums with the necessary syringes. Bacteriological Examination free of charge, at the Birmingham University of Secretions from suspected cases of Diphtheria, Phthisis and Enteric Fever.

Compulsory notification of the following diseases—Small-Pox, Scarlet Fever, Enteric Fever, Diphtheria and Membranous Croup, Puerperal Fever, Erysipelas. Cholera and Typhus Fever.

Weekly returns from all the Council's Schools of all cases of Infectious Diseases, and the prevention of children from any family in which infectious cases exist attending school. This information is especially valuable in the unnotified diseases.

Epitome of Sanitary Work for the year 1908.

Sanitary Condition of the

Public Elementary School Buildings and Premises.

The following report to you in my capacity as Medical Officer of Health, I shall reproduce in my Annual Report to the Education Committee as School Medical Officer.

During the latter part of last year I concluded a thorough and systematic inspection of all the Schools under your jurisdiction.

I take it for granted that a detail report of each school is neither expected or required (although I have them all written up, including the area and cubic capacity of each room, if required either for reference or publication), so I simply bring before your notice, any defect that has come under my observation.

The sanitary conditions of the schools generally are good, Tividale and The Knowle Council Schools being the least satisfactory.

VENTILATION.

The Schools are well ventilated, adequately lighted, both naturally and artificially (gas), and sufficiently heated. Two small class rooms at Tividale, one in the boys' and the other in the girls' departments are not so well ventilated as the other portions of the school. I understand that these class rooms will shortly be abandoned for teaching purposes, and that the whole of the Tividale Council School building is about to be considerably altered in accordance with a scheme approved of by the Board of Education.

The principles of ventilation are generally speaking the same throughout your Schools. Air inlets are all on the up-cast free admission principle, although the same apparatus for this purpose is not used in all the schools; some having inlets in the basement of windows, others "Tobin's" Tubes or other up-cast shaft in walls, others "Hopper" window-panes. In some cases two or more of the methods named are used in the same school. Out-lets are constructed at the highest points of rooms by wooden trunks from ceilings to roof ridges, and "Boyle's" self-acting extractors, or other extractors on a similar principle are affixed thereon. Cross window ventilation for flushing the rooms with air when children are not in, or for opening in hot weather, are plentiful and in good working order. These windows are of the type known as swing lights, and are well above the heads of persons in the rooms.

HEATING.

The heating is accomplished by low pressure hot water pipes and radiators in all the schools, with a coal stove or open fire place in a few class rooms.

The walls generally are painted to a height of 4ft. 6in. to 5ft., and colour washed above. A few of the schools have wood dados, others modern enamelled brick dados.

The floors in portions of the older schools are boarded, newer ones are all wood blocks.

CLOAK-ROOMS & LAVATORIES.

The cloak rooms which include the lavatories, are well equipped with racks for hats and clothes, and are well lighted and ventilated.

They are also well-heated by low pressure hot water pipes, and in many instances have radiators on which clothes may be dried.

In the older schools the lavatory basins are enamelled iron, embedded in slate slabs. In the newer schools the basins are glazed sanitary earthenware. In every case the waste pipe from them discharges on to a drain inlet in the lavatory which is carried through the external wall and thence on to a syphon gulley trap in yard.

SANITARY CONVENIENCES.

The trough closet system is in general use throughout the schools. These are flushed at stated intervals.

WATER SUPPLY.

The water supply is obtained from the S.S.W.W. Co., and in nearly every school is "intermittant," i. e.—the water is received from the main into tanks and from thence is conveyed to the lavatories for washing and drinking purposes. The tanks are uncovered and allow dust to enter. Water direct from the main would be much safer especially for drinking. This direct supply is in use in portions of the following schools, viz.—The new lavatories in the boys' department at Cradley Heath Schools. The boys' and girls' lavatories at Siviter's Lane School. The boys' handicraft department at Siviter's Lane School. The girls' lavatories at Reddal Hill School. The boys' lavatories at the Macefield School. The girls' department at the Rowley Regis Church of England School. All the departments at the Knowle School.

The following is a list of the defects found at the various schools.

OLD HILL COUNCIL SCHOOL.

Lawrence Lane, (Infants' Department). The gulley in school yard into which the waste pipe from one side of the lavatory discharges

is covered with a square stone flag, hence any gases are liable to pass back into the waste pipe.

On the Lawrence Lane side a waste pipe from the lavatories discharges into a covered catch-pit with overflow to storm water drain, and is apparently untrapped.

CORNGREAVES BOYS' COUNCIL SCHOOL.

Meredith Street. The drain inlet into which the waste water from basins empties is apparently untrapped, and the water probably flows into storm-water drain.

REDALL HILL COUNCIL SCHOOLS.

The urinals are offensive; the surface of the rear walls should be faced with glazed bricks. The channel discharges into an untrapped drain inlet in urinal,

BLACKHEATH COUNCIL SCHOOL.

In the cloak-room entered from Powke Lane the waste pipe from the wash basins is defective, and allows the water to escape on the floor, and from thence to a Bell trap which is also defective.

SIVITER'S LANE COUNCIL SCHOOL.

The waste pipe from the sink in the cookery room has no cleansing eye, and is frequently choked by grease in the bend.

THE KNOWLE COUNCIL SCHOOL.

The waste water from lavatories discharges into a ditch in a field at the back of the school. These schools, I understand, are about to undergo large structural alterations.

TIVIDALE COUNCIL SCHOOL

The closets, and the boys' and infants' urinals are offensive. The rear walls of the latter require facing with glazed bricks. These will be probably be dealt with in the forthcoming alterations.

DEEP DRAINAGE & HOUSE CONNECTION.

At the end of 1907 the approximate number of houses connected with the sewers was six thousand nine hundred and twenty-three.

During the last year eighty-four new houses have been connected, making a total of seven thousand and seven.

CELLAR DRAINAGE.

Three cellars have been connected with the sewers after the prescribed method. Four cellars have been connected with the storm-water drain and seven cellars have been disconnected from the sewer.

NIGHT-SOIL.

This work is carried on by contract as in previous years, and is supervised by the Sanitary Inspector and his Assistant. The night-soil is removed between the hours of 10 p.m. and 8 a.m. Dry ashes during the day.

Water-closets are compulsory to all new houses where water supply and drainage facilities are available, and privy middens are being replaced by water-closets whenever opportunity arises

During the last year one hundred and forty-seven privies were converted into water closets. Sixteen new additional water-closets were erected, and one hundred and seven ash bins were introduced.

The following Table shows the approximate number of sanitary conveniences in the parish.

Wards.	Number of Water Closets.	Number of Ashpits not connected with water-closets.	Number of Ashbins.	Number of Privy Closets.	Number of Ash- pits connected with closets.
Tividale	305	144	33	199	160
Rowley Regis	389	158	43	520	407
Blackheath	551	297	90	498	409
Old Hill	881	464	148	1105	872
Cradley Heath	1030	448	182	711	549
Total ...	3156	1511	496	3033	2397

WATER-SUPPLY.

The chief water supply is obtained from the South Staffordshire Water Works Co's mains. Eighty-seven additional houses have had this water laid on during the year. Turner's Hill district (waterless area) is still supplied with water from the Council's water cart at frequent intervals free of charge. The Folly Spring in Parker's Lane which has been protected from pollution is still available for the immediate neighbourhood. A considerable number of wells are still in use in the district. Samples of water from three wells have been analysed. Two were certified as of a doubtful purity, and one as unsafe for drinking purposes.

COW SHEDS, DAIRIES, &c.

A detail inspection has been made of all the cowsheds in the district. There are approximately eighty-three cowsheds in which from three hundred and twenty to three hundred and thirty cows are housed.

Many of these sheds are old structures which might be renovated and brought up to modern requirements. Overcrowding especially in winter is rather prevalent, and the lighting and ventilation in some cases is inadequate. The storage of manure is often too close to the sheds. The cattle on the whole are in a fairly good condition.

One shed has been entirely reconstructed on modern lines, for which plans were submitted to and approved of by the Council. Minor improvements have been carried out in several other cases.

MILK SHOPS & MILK PURVEYORS.

There are forty cow-keepers and dairymen in the district, and forty-five purveyors of milk on the register. Many milk purveyors reside outside the district.

One hundred and ten inspections have been made of dairies and milk shops during the year.

BAKE-HOUSES.

There are sixteen wholesale bake-houses and one hundred and thirty retail bake-houses on the register for 1908. Thirty-one notices were served relative to unsanitary conditions found in bake-houses; all were remedied.

The chief cause of complaint is neglect to limewash. One complaint note was received from H. M. Inspector of Factories relative

to top lime-washing in a bake-house. This case has also been remedied.

Most of the retail bake-houses mentioned above are in connection with dwelling houses and small shops, and have a very limited trade.

Seventy-seven inspections of these premises were made during the year.

SLAUGHTER-HOUSES.

There are twenty-seven slaughter-houses on the register to which two hundred and eighty-four inspections have been made.

During the year a new set of Slaughter-house Regulations for the proper control of slaughter-houses were sanctioned by the Council, and copies of the same have been printed and distributed to each occupier of a slaughter-house within the district. As a result of this, slaughter houses are now more cleanly, and greater care is exercised in the removal of offal and manure, galvanized tanks being used for this purpose. Concrete floors have been laid in four slaughter-houses where defective brick floors previously existed. Slaughter-houses are systematically inspected and markets regularly visited by the Sanitary Inspector. There is one knacker yard in the district which is licensed annually.

UN SOUND FOOD.

During the year, three carcasses, two of cows and one of a pig were surrendered and destroyed as unfit for human food.

OVER-CROWDING.

Twelve cases of overcrowding have been dealt with. Poverty is the most fruitful source of this condition, as there is no lack of house accommodation in the district.

CEMETERY.

This question is still under consideration.

HOUSING OF THE WORKING CLASSES ACT.

One case only has been dealt with under this Act during the year. Four houses have been closed and demolished voluntarily by the owners.

LEGAL PROCEEDINGS.

No legal proceedings have been called for during the last twelve months.

NEW STREETS.

The Council still adhere to their plan of having all newly laid out building estates put in proper order, and adopted in accordance with the Public Health Act.

BACTERIOLOGICAL DIAGNOSIS OF DIPHTHERIA, TUBERCULOSIS AND ENTERIC FEVER.

Arrangements made by the Staffordshire County Council with the Birmingham University are still in force. The necessary apparatus, and the free supply of serums and syringes to medical men for use amongst parishioners are still available on application at the Council Offices or my residence. The demand for these serums I am glad to say is increasing.

HOSPITAL ACCOMMODATION.

The South Staffordshire Joint Small Pox Board's Hospital at Bradley will take all our Small Pox cases.

The Isolation Hospital at Tividale is used for the treatment of Enteric Fever cases. Seventeen cases have been treated in this Hospital during the year.

ROWLEY REGIS URBAN DISTRICT COUNCIL

Administration of the Factory and Workshop Act, 1901.

As mentioned in my previous reports, Rowley Regis is a large scattered parish extending over an area of 3570 acres, and contains an estimated population (up to the middle of 1908) of 38,000, and is divided into five Wards, viz. :—Tividale, Rowley Regis, Blackheath, Old Hill and Cradley Heath.

TIVIDALE WARD

has an area of 984 acres, and a population of 3058 inhabitants, and is partly agricultural and partly industrial. The chief industries are Coal-mining, Brick-making, Iron-making, Galvanizing and Granite Quarrying.

ROWLEY REGIS

has an area of 1347 acres and a population of 5835 inhabitants, and is also partly agricultural and partly industrial. The chief industries are Coal-mining, Granite Quarrying, Brick-making, Pottery-work, Nut and Bolt, Rivet and Nail Trade.

BLACKHEATH.

has an area of 188 acres, and a population of 7251 inhabitants, and is almost entirely industrial. The chief industries are Nut and Bolt, Spade and Shovel, Rivets and Nails, Tailoring, Baking, and Boot and Shoe-making.

OLD HILL.

has an area of 599 acres, and a population of 11,838 inhabitants, and is chiefly industrial. The chief industries are Iron-making, Coal-mining, Brick-making, Boot and Shoe-making, Rivet-making, Tube-making, Tailoring and Coke-burning.

CRADLEY HEATH

has an area of 552 acres, and a population of 9998 inhabitants, and is chiefly industrial. The chief industries are Chain-making, Rivet-making, Galvanizing, Brick-making, various forms of finished iron industries, Coke-burning, Boot-making, Tailoring and Hollow-ware trade.

The bulk of the inhabitants of the whole of the district are of the artisan class, and are employed at some one or other of the above mentioned industries.

The Sanitary conditions of Factories and Workshops are generally satisfactory. Section 22 of the P. H. A. A. Act, 1900, is in force in the district.

The cubical space in workshops is ample, and ventilation in most of the shops is free, as the windows are unglazed. Two thousand three hundred and forty-eight inspection of Factories and Workshops have been made. Seven hundred and twenty-six inspections of out-workers premises have been made, and sixty-nine written notices have been served on occupiers respecting their sending of lists.

There are approximately two thousand and sixty-eight workshops on the registers, as owing to continual change in the occupation of them, it is impossible to obtain an exact total.

There are sixteen bake-houses for wholesale trade. There are no underground bakehouses in the parish.

LIST OF OUT-WORKERS.

There is a considerable improvement in the number of lists received from out-workers.

No legal proceedings have been necessary.

The appended Shedule has been filled in by Mr. F. H. W. Large, the Sanitary and Factory and Workshops Act Inspector.

FACTORY AND WORKSHOP ACT, 1901.

Annual Report of Medical Officer of Health for the year 1908, for the Urban District of Rowley Regis, on the administration of the Factory and Workshops Act, 1901, in connection with

Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION. [Including Inspections made by Sanitary Inspector or Inspectors of Nuisances].

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories [including Factory Laundries] ...	20	3	0
Workshops [including Workshop Laundries] ...	2328	54	0
Workplaces [other than Outworkers' premises included in Part 3 of this Report] ...	0	0	0
Total ...	2348	57	0

2.--DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found	Remedied.	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	835	607	0	0
Want of ventilation	0	0	0	0
Overcrowding	0	0	0	0
Want of drainage of floors	0	0	0	0
Other nuisances	18	17	0	0
Sanitary accommodation { insufficient	2	1	0	0
unsuitable or defective	2	2	0	0
not separate for sexes	1	1	0	0
<i>Offences under the Factory and Workshops Act. —</i>				
Breach of special sanitary requirements for bakehouses (ss 97 to 100)	0	0	0	0
Other offences	1	1	0	0
(Excluding offences relating to outwork which are included in Part 3 of this Report	0	0	0	0
Total	859	629	0	0

3.—HOME - WORK. Outworkers' Lists, Section 107.

Nature of Work.	Lists received from Employers.						Number of Outworkers addresses received from other Councils.	Number of Outworkers addresses forw'ded to other Councils	Notices served on Occupiers as to keeping or sending lists	Inspec- tions of Out- workers premises.
	Sending Twice in the year.		Sending Once in the year.		Outworkers					
	Lists.	Con- tractors	Outworkers.	Lists.	Con- tractors	Work- men.				
Wearing Apparel-- (1) making, &c. ... Furniture & Upholstery ... Cables and Chains } Anchors and Grapnels } Cart Gear ...	6	0	17	2	0	14	8 2	22	5	12
Total ...	48	0	1323	25	18	289	174	325	69	726

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.			Number. 2.
(1)			
Chainmakers	...	...	1077
Nailmakers	...	...	320
Odd (Iron) Workers	...	...	38
Boot and Shoe Makers and Repairers	...	...	55
Rivet and Bolt Makers	...	...	117
Wheelwrights	...	...	13
Hook and Staple Makers	...	...	143
Millinery and Dressmakers	...	...	156
Tailors	...	...	37
Shacklemakers	...	...	3
Shoeing and Blacksmiths	...	...	15
Carpenters and Cabinets Makers	...	...	45
Ship's Tackle Makers	...	...	6
Saddlery	...	...	12
Miscellaneous Workshops	...	...	31
Total number of Workshops on Register			2068

Note.—We are only able to arrive at an approximate estimate of the number of Workshops, owing to a continual change in the occupation of many of them.

Important classes of workshops, such as workshop bakehouses may be enumerated here.

5.—OTHER MATTERS.

Class. (1).	Number. (2).
Matters notified to H M. Inspector of Factories :	0
Failure to affix Abstract of the Factory and Workshop Act [s. 133] ...	0
Action taken in matters referred to H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act [s. 5] { Notified by H.M. Inspector ...	14
Other ...	11
Underground Bakehouses (s. 101) .	3 still under notice. 31/12/08. 0
Certificates granted during the year	0
In use at the end of the year	0
	47

Dated, February 2nd, 1909.

Signed,

J. G. BEASLEY, Medical Officer of Health.

VACCINATION RETURN.*For the year ending December 31st, 1908.*

—O—

		Total number of Births	1236
No. 1 District.	By Public Vaccinator	... 279	
	„ Private Practitioners	... 73	
		—352	
No. 2 District.	By Public Vaccinator	... 172	
	„ Private Practitioners	... 296	
		—468	
Insusceptable of Vaccination		13	
Had Small Pox ...		0	
Certificates of Conscientious objection		57	
Dead [Un-vaccinated] ...		83	
Postponement by Medical Certificate		37	
Removal to Districts, the Vaccination Officer of which has been apprised		0	
Removal to places unknown or which cannot be reached, and cases not having been found ...		20	
†Not Vaccinated ...		206	
		—416	
Total		—	1236

†The greater portion of these children are not of age and therefore are not liable to Vaccination at present.

L. B. Allen, Vaccination Officer.

This return in some respects does not compare so favourably with that for last year as one could wish. Last year with a smaller number of births (1228) a greater number of children were vaccinated (903). This year with a greater number of births (1236) a lesser number of children have been vaccinated, viz. :—820.

The Public Vaccinator's Returns are the same for each year, viz. :—451; but this year eighty-two less have been vaccinated by Private Practitioners, and as in these private vaccinations the one pock system largely prevails, this lower number may be rather a matter for congratulation, as inefficient vaccination is a very false security. Last year there were no conscientious objectors, this year there are fifty-seven, and ten more than last year have been postponed by Medical Certificate. There is also an extraordinary number of children returned as insusceptible of Vaccination, viz. :—13. There was only one last year.

In conclusion I must again express my appreciation of the hearty co-operation of all the Officers of the Council, Parish and various Institutions in furnishing me with the necessary information from their respective departments.

I append a Shedule issued by The Staffordshire County Council of work done in the Sanitary Inspector's department. Also a Report from the Sanitary Inspector, and one from the Surveyor.

I again add an extract from the memorandum issued by The Local Government Board, as to the Annual Report of Medical Officers of Health which explains the reason for the recapitulation contained in this Report. "It should be remembered that these reports are for the information of the Local Government Board, County Council as well as of the Council of the District, and that a statement of the local circumstances and history of the local sanitary questions which may seem superfluous to the latter, may often be needed by the former bodies."

I have the honour to remain,

Gentlemen,

Yours obediently,

J. G. BEASLEY,

Medical Officer of Health to the Rowley Regis
Urban District Council.

STAFFORDSHIRE COUNTY COUNCIL.

SUMMARY OF SANITARY WORK done in the Nuisance Inspector's Department during the year 1908. in the Urban District of Rowley Regis.

		NUMBER OF		ABATEMENT NOTICES.		NUISANCES ABATED AFTER NOTICE BY	
		Inspections & Observations made.	Defects found.	Informal by Inspector.	Formal by Authority.	Inspector.	Authority.
Dwelling-houses and Schools.	Foul Conditions ...	1035	1035	1035	261	825	89
	Structural Defects ...	455	455	455	140	265	69
	Overcrowding ...	22	22	22	2	20	1
	Unfit for Habitation ...	1	1	1	0	0	0
	Lodging-houses ...	0	0	0	0	0	0
	Dairies and Milkshops ...	42	1	1	0	0	0
	Cowsheds ...	78	2	2	0	2	0
	Bakehouses ...	77	31	31	0	31	0
	Slaughter-houses ...	284	4	4	2	2	2
	Canal Boats ...	161	14	14	0	12	0
	Ashpits and Privies ...	2067	211	211	95	95	52
House drainage.	Deposits of Refuse and Manure	35	35	35	1	34	1
	Water Closets ...	140	140	140	13	120	10
	Defective Traps ...	33	33	33	6	27	6
	No Disconnection ...	7	7	7	1	4	5
	Other Faults ...	357	357	20	5	352	5
	Water Supply ...	3	3	3	0	5	0
	Pigsties ...	28	28	28	8	19	8
	Animals improperly kept	37	37	37	3	31	2
	Offensive Trades ...	0	0	0	0	0	0
	Smoke Nuisances ...	0	0	0	0	0	0
	Other Nuisances ...	24	24	24	6	16	5
Totals ...		4886	2440	2103	543	1860	253

Unwholesome Food—Number of Seizures ...	3
Condemned by Magistrate ...	2
Samples of Water taken for Analysis ...	3

Precautions against Infectious Disease.

Lots of Infected Bedding Disinfected or Destroyed ...	107
Houses Disinfected after Infectious Disease ...	252
Schools ditto ditto ...	1

Signed, FREDK. H. W., LARGE,

January 9th, 1909.

Inspector of Nuisances.

Note.—337 Drains were cleared by Council's man without service of Notice.

THE URBAN DISTRICT COUNCIL OF ROWLEY REGIS.

Annual Report of the Sanitary Inspector for the year ending December 31st, 1908.

Mr. Chairman and Gentlemen,

I herewith present to you a Report of the Sanitary Work completed in this district during the year 1908.

No record of structural alterations had been kept to the date of my appointment, therefore the items under Table II. (with the exception of 20 Privy conversions) have been compiled since April 21st, 1908. I would here express my appreciation of the good work performed by the Assistant Inspectors, and thank them for the willingness they have shown in the discharge of their duty under altered conditions.

The figures in Table I. show the number of informal notices given for the abatement of nuisances, and Table II. as above mentioned, the structural alterations made; thereby forming a record of the improvements carried out in the district as a result of action taken by the Health Department.

NUISANCES, &c.

During the year, 1035 nuisances have been reported, and of these 121 were on December 31st, still under notice. The conversion of Old Privies into Water Closets has received our careful attention and I am pleased to be able to state 147 such alterations have been made. The number of Sanitary Dust-bins has also been increased by 107.

SANITARY SINKS.

44 Notices were given for the provision of sanitary earthenware sinks fitted with waste pipes, but during the year only 19 such sinks were fitted. However, I think property owners will in time realize that the earthenware sink is not only more cleanly, but more profitable.

DISINFECTION.

We are following a careful course with all cases of Infectious Disease notified. The houses are visited and directions given for the isolation of the patients.

Disinfectants are supplied, and when the cases are removed to hospital, or have recovered, the bedding and houses are subjected to a thorough disinfection.

SLAUGHTER-HOUSES.

A copy of the new Slaughter-house Regulations, issued by order of the Council in October last, has been delivered to the occupier of every slaughter-house in the district, and I am pleased to report a marked improvement in the cleanliness of these premises. In 4 cases, new concrete floors have been laid, to replace the old brick floors which had become defective.

HOUSES.

We have commenced a systematic house-to-house inspection of the district, and 390 houses have been examined and reported upon. By this method, I hope to obtain a continuous record of the sanitary condition of dwelling houses.

WORKSHOPS.

The register of workshops and workplaces will need revision at an early date, for there appears to be a continual change in the occupation of some of these premises. In the appended summary a Table will be found containing a record of inspections and visits paid.

SCAVENGING.

The work of nightsoil removal requires our constant attention, but I think the Contractors have endeavoured to keep the orders well in hand.

I am,

Mr. Chairman and Gentlemen,

Your obedient servant,

FREDERICK H. W. LARGE.

TABLE I.

Number of informal notices given for Nuisances, and other Matters.

To remedy defected drains, defective and dilapidated Water-Closets, Privies and Ashpits	648
„ provide Water-Closets or Dust-bins	25
„ remove animals or poultry so kept as to be a nuisance	71
„ repair dwelling houses	21
„ whitewash and purify dwelling houses or parts thereof	141
„ repair workshops	21
„ limewash and cleanse workshops	878
„ repair defective flushing apparatus	36
„ repair roofs of dwelling houses	21
„ cleanse or repair spouting	16
„ fix sanitary earthenware sinks and tubes	44
„ remove accumulations of manure and fish refuse	35
„ reduce over-crowding in dwelling houses	22
„ repair wash-houses	23
„ provide sufficient drains for effectual drainage	4
„ drain stables	3
„ provide urinals	2
„ cleanse or repair urinals	4
„ abate nuisances in Factories and Workshops	6
„ remove stagnate water from cellars	3
„ provide new spouting to dwelling houses	15
„ cleanse foul soft-water cisterns	4
„ cease polluting brook course by gas washings	1
„ repair manure pits	4
„ relay yard paving	6
„ lay concrete floor in slaughter-houses	4
„ abate nuisances at fried fish shops	5
„ limewash and cleanse bakehouses	4
„ provide drinking water	4
„ Surveyor :—Alleged dangerous Buildings	15
Buildings erected without plans	1
<hr/>	
Total	2087

TABLE I.—continued.

	Brought forward	...	2087
To cleanse ashpits			9394
„ cleanse dust-bins			15916
			<hr/> 27397 <hr/>
Number of Nuisances reported during the year			1035
„ „ removed „ „			914
„ „ remaining on the books			121

There have been 261 cases reported to the Committee for the service of statutory notices, owing to the nuisances remaining unabated after the time specified in the preliminary notices had expired.

TABLE II.

Alterations made, and new structures provided in compliance with Notices.

Number of Old Privies converted into water-closets	147
„ new drains (yards in length)	1645
„ drain traps	33
„ inspection chambers	77
„ ventilating shafts	76
„ new pedestal w.c's.	20
„ water-closets repaired	1
„ flushing apparatus repaired	19
„ privies repaired	25
„ ashpits repaired	17
„ new urinals	4
„ urinals repaired	1
„ ashpits roofed	2
„ drains cleared by owners	20
„ drains cleared by Council's workmen	337
„ water-closets cleared by owners	28

TABLE II.—continued.

Number of water.closets cleared by Council's workman	40
„ manure pits repaired	4
„ yards paved or re-paved	7
„ new sanitary earthenware sinks	19
„ sink tubes fitted	19
„ new water-closets	16
„ new sanitary dust-bins	107
„ new privies	1
„ new ashpits	1
„ cellar drains disconnected	7
„ privies and ashpits demolished	97
„ stables drained to sewer	1
„ houses closed and demolished voluntarily by owner	4
„ dwelling houses repaired	7
„ houses having had roofs repaired and spouting fixed	48
„ houses cleansed and limewashed	115
„ wash-houses repaired	12
„ new wash-houses provided	5
„ new flushing cisterns fitted	18
„ new iron covers to inspection chambers	5

TABLE III.

Result of notices requiring abatement of Nuisance caused by overcrowding in dwelling houses.

Number of houses in which number of inmates was reduced	12
„ houses vacated	8

TABLE IV.

Samples of water submitted for analysis

Number of samples taken	3
Number certified as of doubtful purity	2
„ „ as unsafe for drinking	1
Number of houses supplied with S. S. Water	5

TABLE V.

SLAUGHTER HOUSES and KNACKER'S YARDS.

Number of Registered Slaughter Houses in use 31/12/08.	11
„ Licensed Slaughter Houses in use 31/12/08.	16
„ Licensed Knacker Yards in use 31/12/08.	1
	<hr/>
Total	28
	<hr/>
„ Slaughter House Licenses renewed	14
„ Knacker Yard Licenses renewed	1
„ Slaughter Houses in which concrete floors	
have been laid	4
„ Inspections	284

TABLE VI.

DAIRIES, COWSHEDS and MILKSHOPS.

Number of Persons Registered during the year	3
„ Cowkeepers in the District 31/12/08.	40
„ Milksellers in the District 31/12/08.	42
	<hr/>
Total	85
	<hr/>
„ Milking Cows kept	320
„ Inspections	110

TABLE VII.

BAKEHOUSES, (Wholesale and Retail)

Number of Wholesale Bakehouses on Register	16
„ Retail Bakehouses on Register	130
„ Notices served relative to insanitary conditions	31
„ Complaints received from H. M. Inspector of Factories	1
„ Inspections since April 1908.	77

TABLE VIII.
WORKSHOPS &c.

Number of new Workshops notified by H. M. Inspector of Factories	55
„ Workshops on the Register	2068
„ Complaints received from H.M. Inspector of Factories	13
„ Notices served relative to insanitary conditions at Workshops	54
„ Inspections of Workshops	2328
„ Inspections of Factories	20
Work carried out in compliance with Notices.	

Number of Workshops cleaned and limewashed	607
„ Workshops repaired (roofs, spouting &c.)	5
„ Workshops re-roofed	2
„ Other nuisances abated	10

HOMEWORK.

Number of visits to Outworkers' premises	726
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TABLE IX.

UN SOUND FOOD DESTROYED.

Beef	...	2 Carcases.
Pork	...	1 Carcase.

TABLE X.

INFECTIOUS DISEASES.

Number of Cases of Infectious Disease notified	254
„ Houses Fumigated by Inspector	252
„ Lots of Clothing and Bedding disinfected at the Disinfecting Station	107
„ Schools Fumigated (The Knowle)	1

Note:—We are only able to arrive at an approximate estimate of the number of Workshops, owing to a continual change in the occupation of many of them.

ROWLEY REGIS URBAN DISTRICT COUNCIL.

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**Report of Inspector appointed under the Canal Boats Acts,
for year ending December 31st, 1908.**

—0—

1. ARRANGEMENTS FOR INSPECTION &c.

The Canal, at different parts of the District, is frequently visited by the Assistant Inspector and myself, for the purpose of Boat inspection.

Name and Address of Inspector :—Fredk. H. W. Large,
Sanitary Inspector, Council Offices, Old Hill, Staffordshire.

REMUNERATION :—As Inspector of Slaughter-houses, Petroleum premises, Canal Boats, Factories and Workshops, £5 per annum.

2 BOATS.

Number of Boats inspected	161
„ „ conforming with the regulations under Canal Boat Acts	153
„ „ with one or more Infringements	8

OCCUPANTS.

Number of Men on Boats inspected	233
„ Women on „ „	90
„ Children „ (all ages)	109
„ Boys over 5 and under 14 years	24
„ Girls „ 5 „ „ 12 „	44
„ Boys from 0 to 5 years of age	26
„ Girls „ „ „ „	15
Total	109

3. CONTRAVENTIONS.

Certificate did not indentify Owner and Boat	2
Registration number partly obliterated	1

Boats bearing wrong Registration number	1
„ on which certificate could not be produced	3
„ carrying water vessels of insufficient capacity	2
„ travelling without water vessels	2
Overcrowding	2
Dilapidations &c	1
	<hr/>
Total	14
	<hr/>

4 PROCEEDINGS &c.

Infringements remedied	12
Infringements outstanding	2
Number of legal proceedings	0

Of the 161 Boats inspected, 155 were found to be in good structural condition; 5 were fair, and the remaining one poor. The dilapidation consisted of a defective roof to the Cabin.

5. REMARKS.

The general cleanliness of the Cabins has been very satisfactory and the occupants have been found in good health.

6. NOTICES &c.

In 8 cases the usual blue notice form has been sent to Owners notifying contraventions. One such notice was returned through the Dead Letter Office, and on making further enquiries from the Authority at the port of Registration, I found that the Boat had been re-numbered and re-registered some six months previously in the name of another Owner. Further notice was served upon this man for contravention of the Canal Boats Acts and Regulations.

7. INFECTIOUS DISEASE.

No Infectious Disease has been found on the Boats.

8. H. M. CHIEF INSPECTOR OF CANAL BOATS.

Mr Owen J. Llewellyn visited this District on April 30th. 1908. He examined the Register of Inspections and Complaint Book and made enquiry as to the method of inspection.

FREDK. H. W. LARGE,
Canal Boat Inspector.

Rowley Regis Urban District Council.

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Ditches cleaned out during the year 1908.

JANUARY.

200 yards at Gorsty Hill, Blackheath
 435 „ „ Oldbury Road, Blackheath.
 350 „ „ Portway Road, Rowley Regis.
 44 „ „ Beauty Bank, Old Hill.

FEBRUARY.

51 yards at Yewtree Lane, Rowley Regis.
 490 „ „ Bell End, Rowley Regis.
 412 „ „ back of Britannia Inn, Rowley Regis.
 100 „ „ Peartree Street, Old Hill.
 250 „ „ Codsall Fields, Cradley Heath.

MARCH.

820 yards at Oakham Road, Rowley Regis.
 21 „ „ Yewtree Lane, Rowley Regis.
 106 „ „ Springfield Lane, Rowley Regis.
 100 „ „ Bullfield Lane, Rowley Regis.

APRIL.

110 yards at Dudley Road, Tividale.
 63 „ „ Church Road, Rowley Regis.
 82 „ „ Powke Lane, Blackheath.
 73 „ „ Oakham Road, Rowley, Regis.

MAY.

447 yards at Hayseech, Old Hill.
 143 „ „ Elbow Street, Old Hill.
 100 „ „ Halesowen Road, Old Hill,

JUNE.

60 yards at Siviters Lane, Rowley Regis.
 120 „ „ Halesowen Street, Blackheath. (Boundary ditch)

JULY.

251 yards at Throne Road, Rowley Regis.

132 „ „ Portway Road, Rowley Regis.

200 „ „ Dudley Road, Rowley Regis.

(Back of Knowle Schools)

AUGUST.

1270 yards at Gipsy Lane, Tividale.

64 „ „ Oldbury Road, Blackheath. (Boundary)

460 „ „ Lye Cross Road, Rowley Regis.

215 „ „ Powke Lane, Blackheath.

45 „ „ Ross, Rowley Regis.

SEPTEMBER.

1750 yards at Darby's Hill, Rowley Regis.

380 „ „ Mincing Lane, Rowley Regis.

200 „ „ Throne Road, Rowley Regis.

OCTOBER,

30 yards at Wrights Lane, Old Hill.

300 „ „ Garratts Lane, Old Hill.

40 „ „ Dudley Road, Rowley Regis.

NOVEMBER.

200 yards at Moor Lane, Rowley Regis.

70 „ „ Roway Lane, Tividale.

100 „ „ Tipton Road, Tividale.

DECEMBER.

50 yards at Oldbury Road, Blackheath.

60 „ „ Bell End, Rowley Regis.

10394 Yards.

Rowley Regis Urban District Council.

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New Kerbing and Channelling laid during the year.

MARCH,

- 45 yards at Halesowen Street, Blackheath.
20 „ „ Corngreaves Road, Cradley Heath

MAY.

- 40 yards at Darby Street, Blackheath.

JUNE.

- 20 yards at Darby Street, Blackheath.
42 „ „ Ross, Rowley Regis.
100 „ „ Wrights Lane, Old Hill.

JULY.

- 200 yards at Wrights Lane, Old Hill.

AUGUST.

- 210 yards at Wrights Lane, Old Hill.
100 „ „ Providence Street, Cradley Heath.

SEPTEMBER.

- 5 yards at Holly Bush Street, Cradley Heath.
26 „ „ Hall Street, Old Hill.
208 „ „ Powke Lane, Blackheath.
45 „ „ Wrights Lane, Old Hill.

OCTOBER.

- 67 yards at Dudley Road, Tividale.
10 „ „ Corngreaves Road, Cradley Heath.
30 „ „ Dudley Road, Tividale.
16 „ „ Powke Lane, Blackheath.

NOVEMBER.

- 20 yards at Bank Street, Cradley Heath.
50 „ „ Groverand Road, Tividale.
100 „ „ Tipton Road, Tividale.
10 „ „ Oldbury Road, Blackheath,

DECEMBER.

50 yards at Dudley Road, Tividale.

40 „ „ Bank Street, Cradley Heath,

20 „ „ King Street, Cradley Heath.

1474 Yards.

Number of Houses supplied with South Staffordshire Water during the year 1908.

Januray	2
February	5
March	0
April	0
May	2
June	3
July	12
August	28
September	2
October	7
November	12
December	9
Total	<hr/> 82 <hr/>

Pipes laid during the year 1908.

5	yards of 9 inch pipes laid at	John Street, Blackheath.
4	„ 4 „ „ „	Birmingham Road Schools,
		Rowley Regis.
2	„ 4 „ „ „	Old Hill Schools, (Infants)
6	„ 4 „ „ „	Britannia Street, Tividale.
15	„ 6 „ „ „	Haden Hill, Old Hill,
5	„ 6 „ „ „	Lomey Town, Cradley Heath.
20	„ 6 „ „ „	Wrights Lane, Old Hill.
20	„ 9 „ „ „	Portway, Rowley Regis.
6	„ 6 „ „ „	Wrights Lane, Old Hill.
7	„ 4 „ „ „	do.
23	„ 6 „ „ „	Powke Lane, Old Hill.
27	„ 6 „ „ „	Gipsy Lane, Tividale.

138 Yards.

WILLIAM H. BRETTELL,

January 26th, 1909.

Surveyor.

